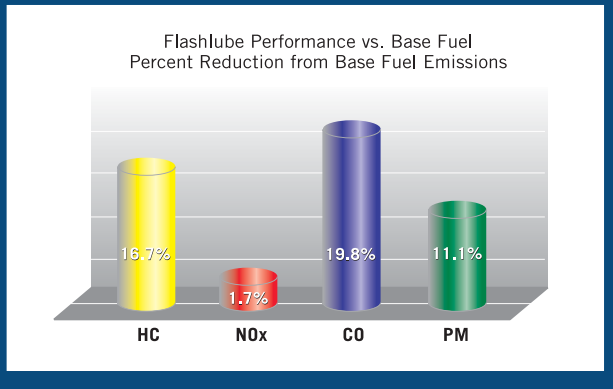


> **Test Results**

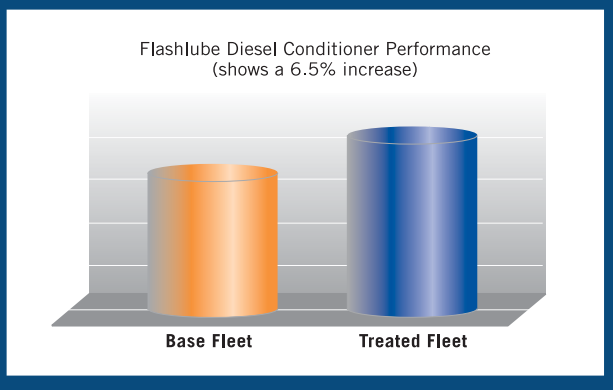
> **Emissions Improvement**

This graph shows the exhaust emission improvement comparing base fuel & fuel with Flashlube Diesel Conditioner added



> **Fuel Economy**

This graph shows the fuel economy result of 12 months testing on a fleet of Cummins engines; half using untreated fuel, half using fuel treated with Flashlube Diesel Conditioner



At the end of the test, the treated units had injectors that were 44% cleaner than the base unit injectors. The treated units also had more horsepower & better fuel economy.

> **Diesel Conditioner**

Flashlube Diesel Conditioner is available in 50ml, 250ml, 500ml, 1 litre, 5 litre & 20 litre pack sizes.



> **Other Products in the Flashlube range:**

- > **Injector Cleaner**
- > **Valve Saver Fluid**
- > **Heavy Duty Oil Stabiliser**
- > **Car & Truck Wash**
- > **Multi Purpose Grease**
- > **High Temperature Grease**

Flashlube is recognised as a leader in it's field, exporting to more than 10 countries around the world. Our unique formulation ensures Flashlube Diesel Conditioner is leading the way in the fuel additives market.



For more information contact Flashlube
03 9329 8200
www.flashlube.com.au

FLD 002



Feel the difference!



**DIESEL
CONDITIONER**
Sulphur Replacement
Cleans • Lubricates • Protects
Improves fuel economy



Save money with **FlashLube**



› FLASHLUBE DIESEL CONDITIONER

In 2003, Australia followed a worldwide move to reducing the level of sulphur found in Diesel fuel. This reduction of the lubricant (sulphur) in diesel fuel may cause problems for older vehicles such as:

- › **Lubricity:** Is essential for fuel system components such as injectors & fuel pumps.
- › **Seals:** Can result in shrinking or swelling of some types of engine seals & O rings.

Government legislation saw the introduction of Low Sulphur Diesel (LSD) with the sulphur content of all diesel fuels reduced down to 500ppm, (parts per million) then to be further reduced down to 50ppm in 2006. This is part of a global movement to use cleaner diesel products to reduce pollution. Sulphur acts as a lubricant & does not burn in the diesel combustion process, enters the atmosphere as sulphur dioxide, & comes back down as 'fallout' or 'acid rain'.

Extensively tested both in the laboratory and in the field, Flashlube Diesel Conditioner delivers impressive results in engine performance, fuel economy & emission reductions.

Flashlube Diesel Conditioner is a premium product utilising the world's latest synthetic technology available in producing one of the highest quality Diesel Fuel additives on the market today.

› What Does It Do?

Specifically formulated to clean, lubricate & protect diesel fuel systems, (injectors, pumps etc) and the upper cylinder area. It also keeps engine seals & O rings supple & lubricated, helping to prevent cracking & leaks. Flashlube Diesel Conditioner will save you money with improved fuel economy and help save the environment by reducing harmful emissions in all diesel engines with a combination of the latest synthetic base oil & additives.

The big difference between Flashlube Diesel Conditioner & other brands is our unique formulation. Other brands are still using old technology, effectively adding more sulphur back into the fuel system than using the old high sulphur diesel fuel.

There are clear & measurable advantages of incorporating Flashlube Diesel Conditioner into Diesel fuel. Drivers will appreciate the differences in terms of drivability, reduced combustion noise, longer component life, and reduced operating costs.

- › For more information visit www.flashlube.com.au



› Benefits

- › Cleans Injectors & entire fuel system
- › Improves fuel economy (up to 6.5%) & power
- › Lubricates Injectors, pumps & upper cylinder area
- › Exceptional lubricity for low sulphur fuel
- › Reduces Diesel smoke & harmful emissions
- › Extends engine life
- › Reduces foam for faster filling
- › Protects against corrosion
- › Compatible with fuel filters & gaskets
- › Extends fuel storage life
- › Water Separation

› Who Needs It?

- › **Flashlube Diesel Conditioner is essential for use in all;**
- › **Cars & Four Wheel Drives**
- › **Truck, Bus & Commercial**
- › **Agricultural, Industrial & Marine** diesel applications.
- › **Anyone who wants to save money** on diesel fuel costs, improve their vehicles performance & extend engine life.

› Why Do I Need Flashlube Diesel Conditioner

- › **Diesel fuel** creates deposits of carbon, gums & varnishes as part of the combustion process, on pistons, injectors, & in the upper cylinder area. This deposit build up leads to poor engine performance including lack of power, higher fuel consumption, excessive combustion noise, & an increase in exhaust smoke.
- › **The introduction** of LSD & ULSD can affect older diesel engines.

Generally, users of Low Sulphur Diesel should not experience any difference in vehicle performance, but must be aware of two potential issues, particularly in pre-1994 diesel engine vehicles.

Lubricity: The refining process of reducing the level of sulphur in diesel can affect its natural lubricating properties, which are essential for fuel system components such as injectors & fuel pumps.

Seals: Producing Low Sulphur Diesel can also alter the composition & chemical properties of the fuel, which can result in shrinking or swelling of some types of engine seals & O-rings.

Flashlube Diesel Conditioner will improve fuel lubricity and help seals maintain their shape.

- › **Fuel storage;** when diesel is kept for prolonged periods oxidation & water absorption can occur. Oxidation of diesel can cause the formation of gums & deposits, increasing the chance of filter plugging, while water contamination can form emulsions that can affect drivability & cause rusting of the fuel system.

Flashlube Diesel Conditioner protects against oxidation & will improve water separation to ensure trouble free handling.

› How Do I Use It?

Flashlube Diesel Conditioner can be added to the fuel tank before or after filling, at a rate of 50ml per 50 litres. Use each fill for best results. Available in larger size packs.

Treat Rate: 1Ltr treats 100Ltr of diesel fuel

